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FIG. 1

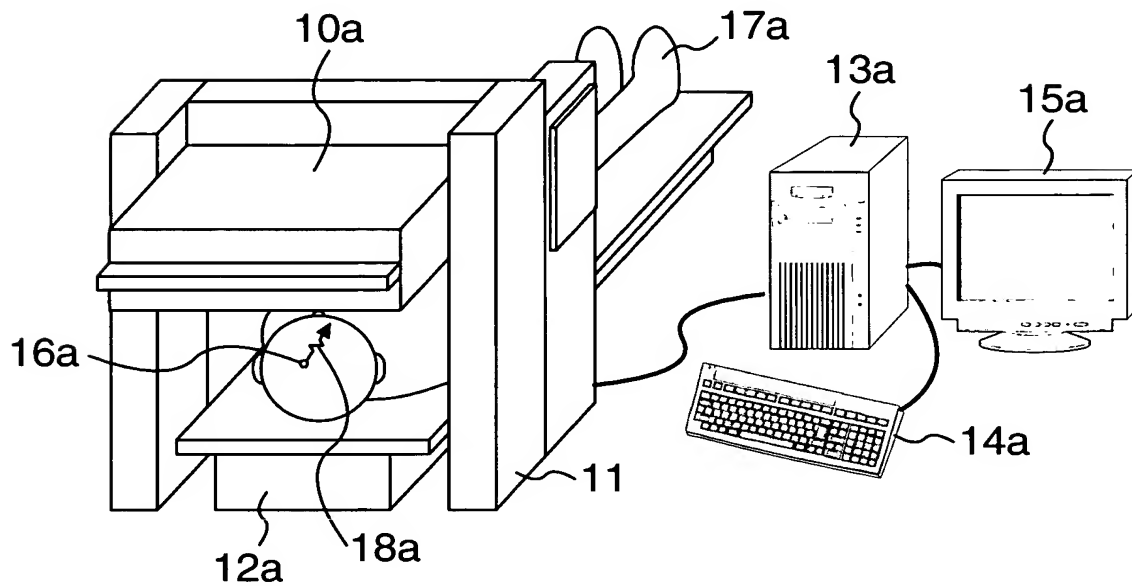
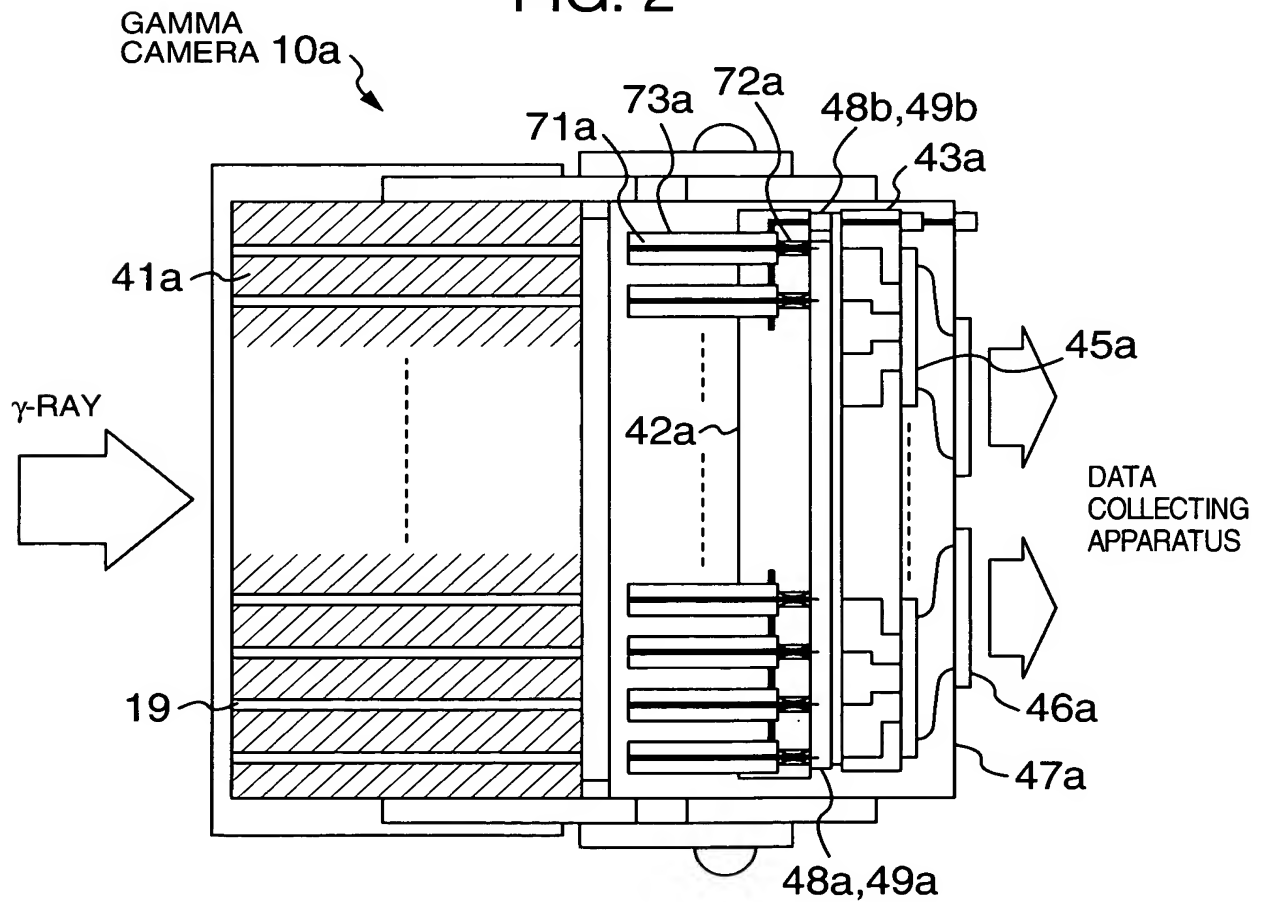


FIG. 2



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FIG. 3

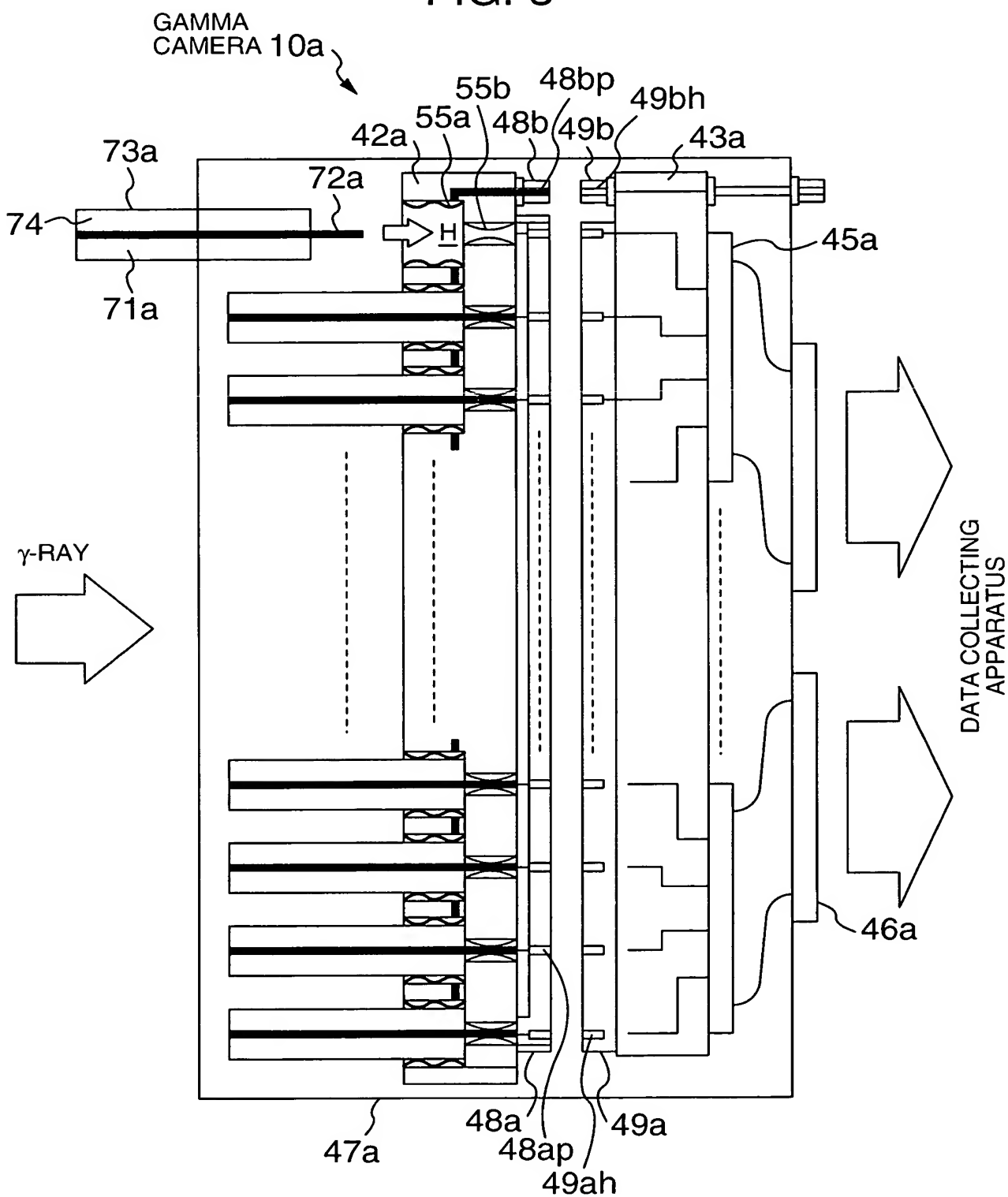
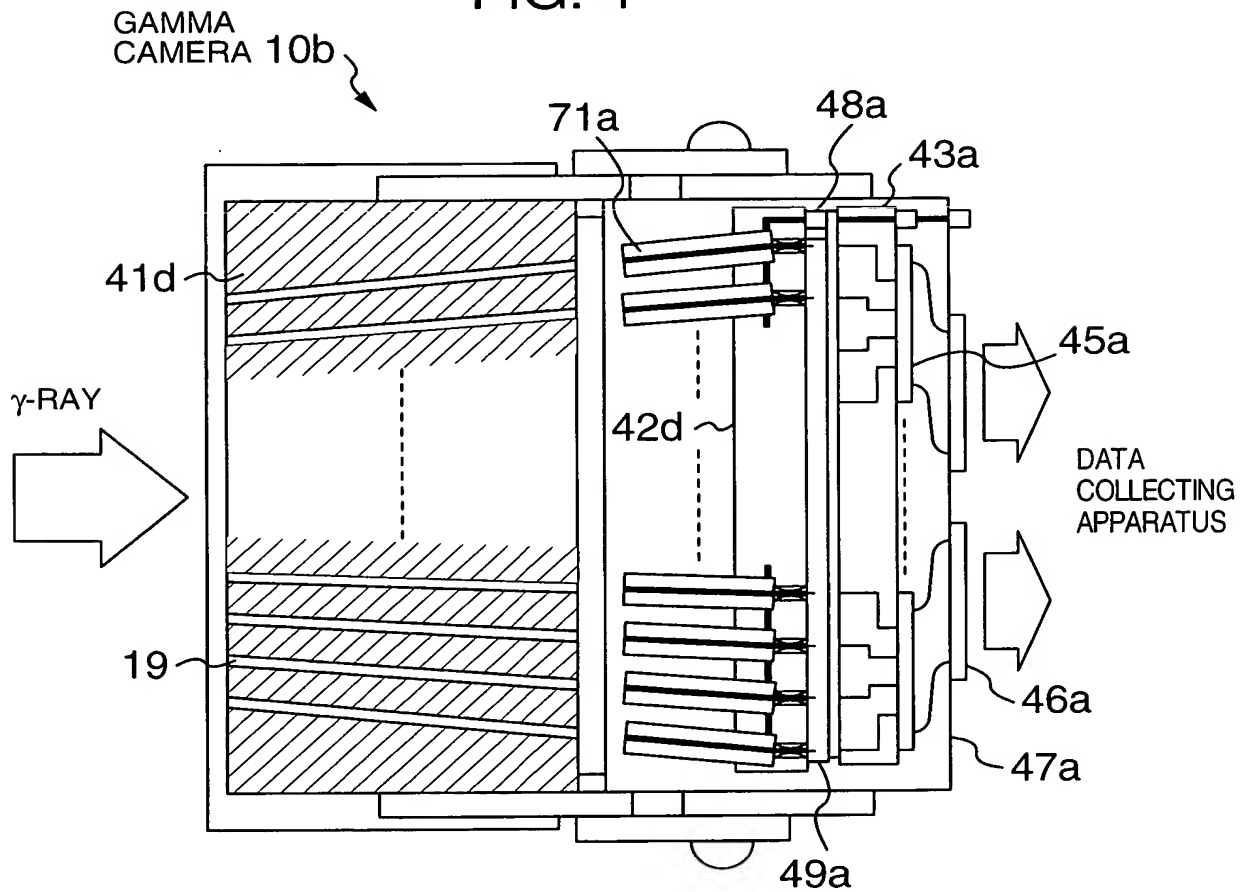
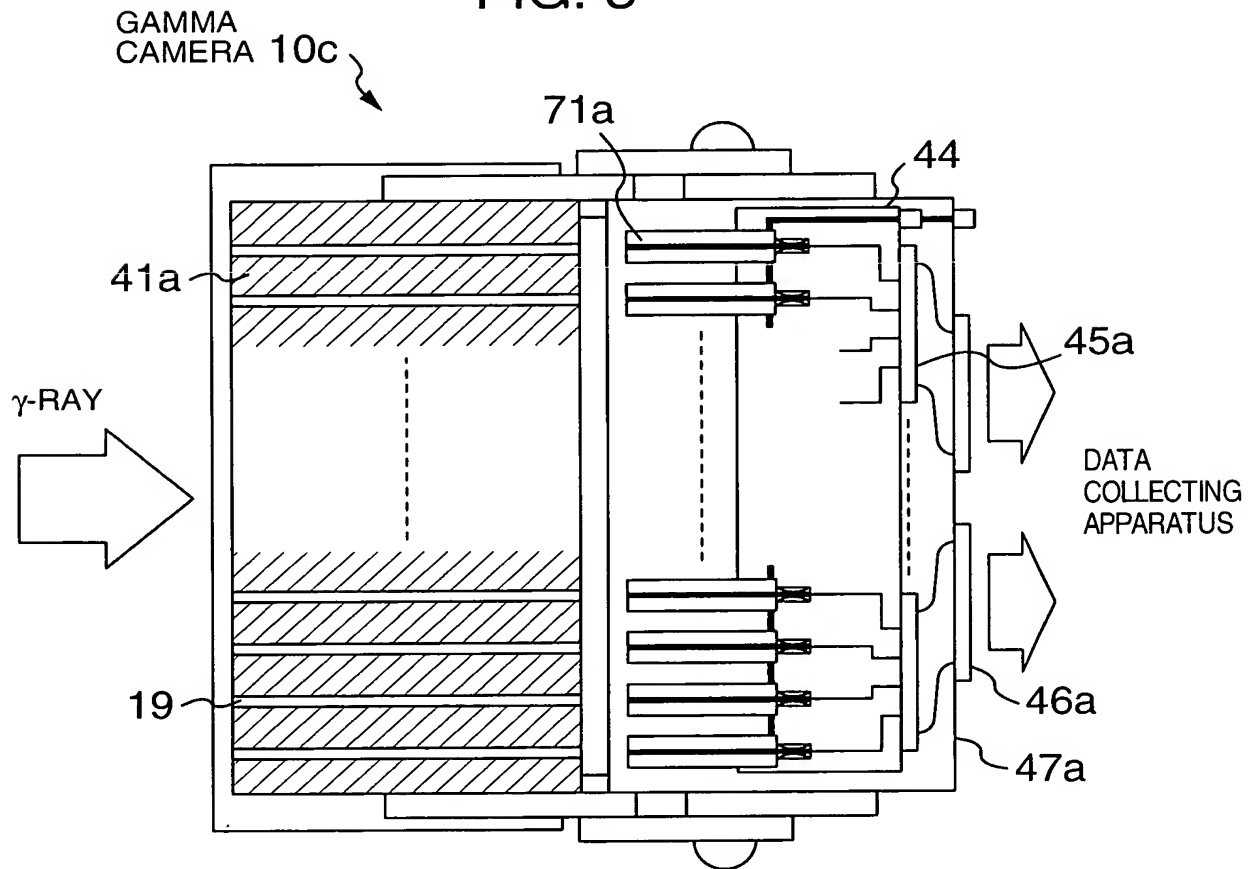


FIG. 4



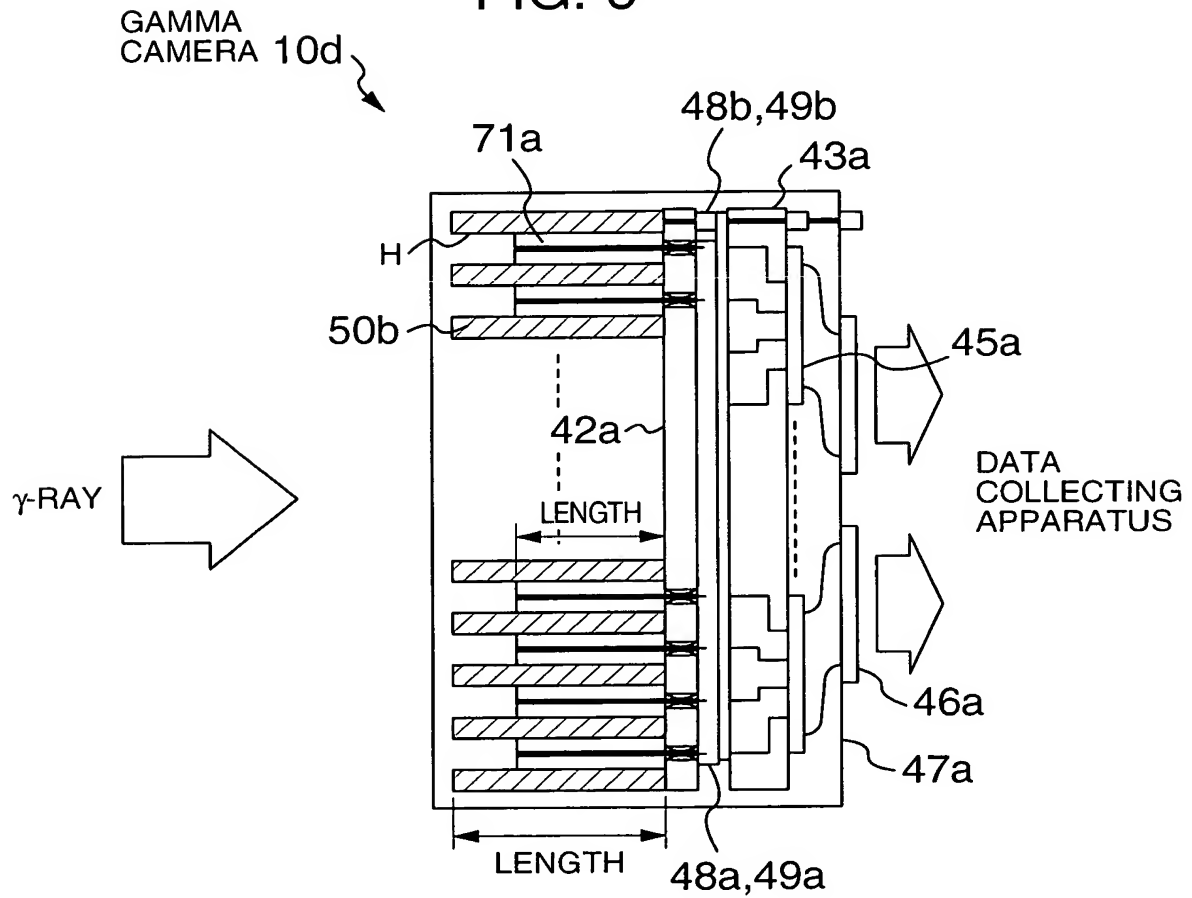
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FIG. 5



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FIG. 6



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FIG. 7

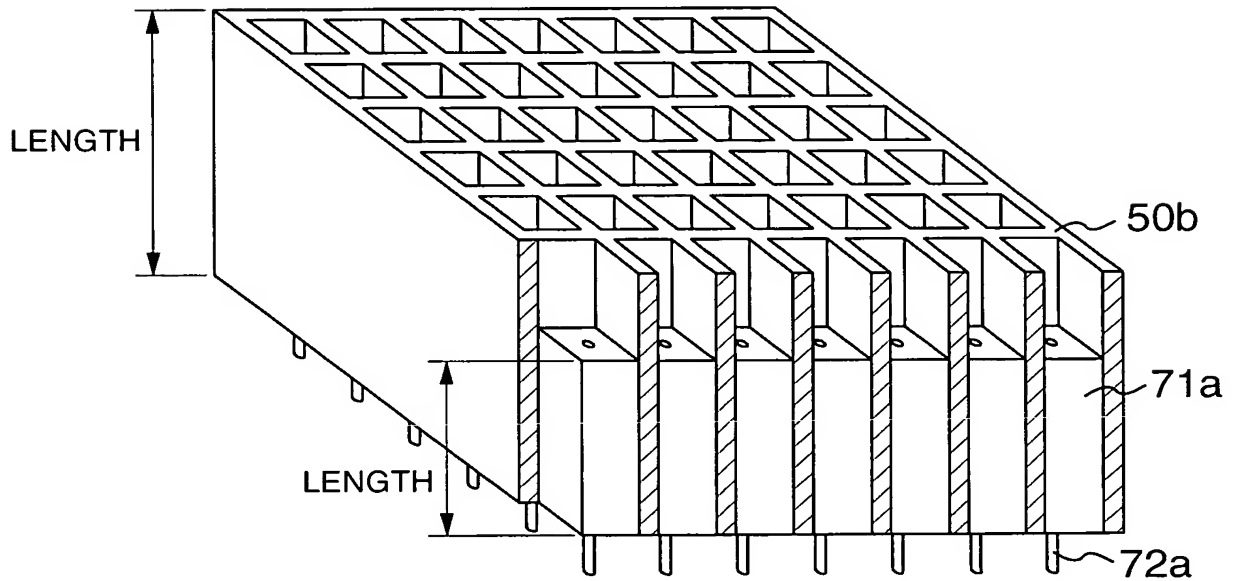
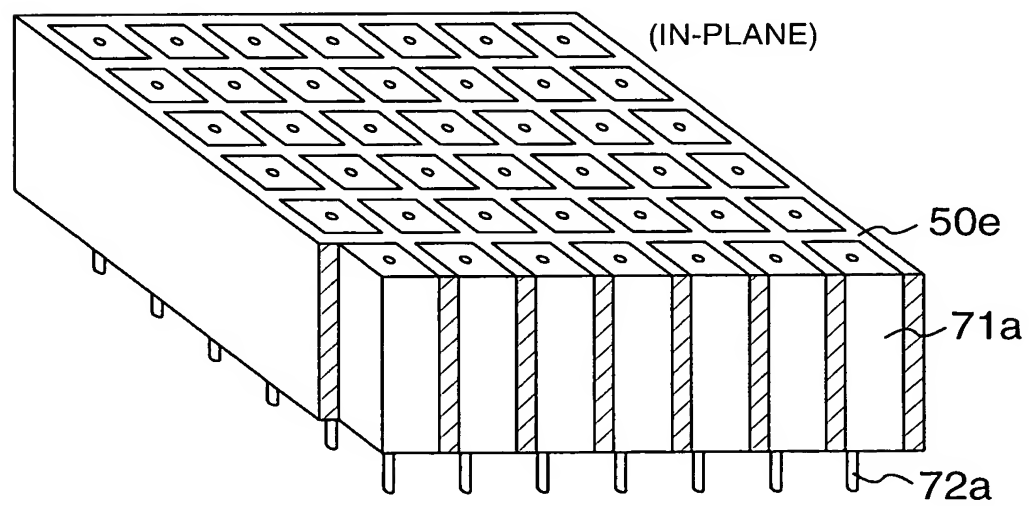


FIG. 8



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FIG. 9

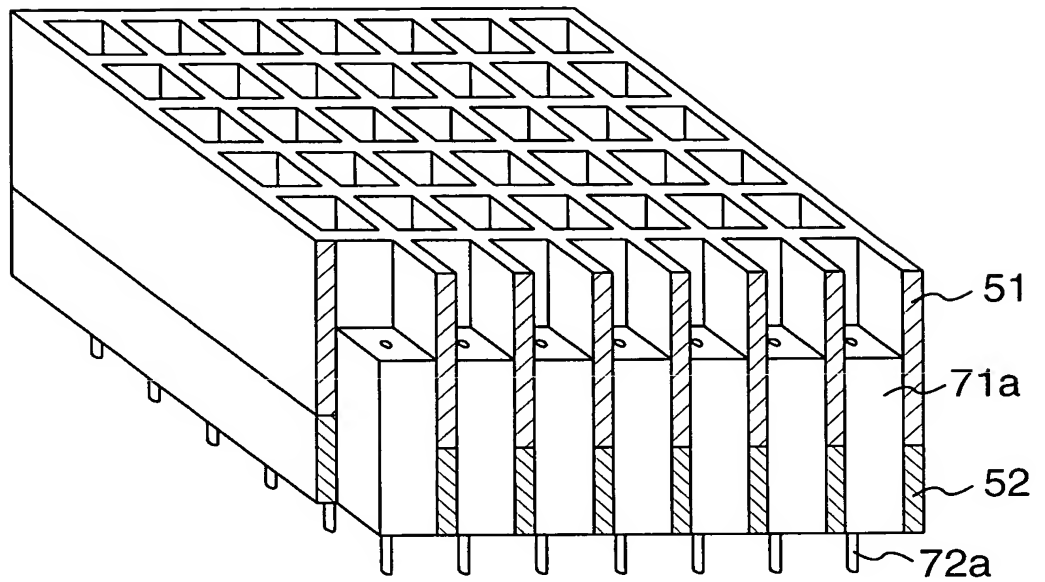
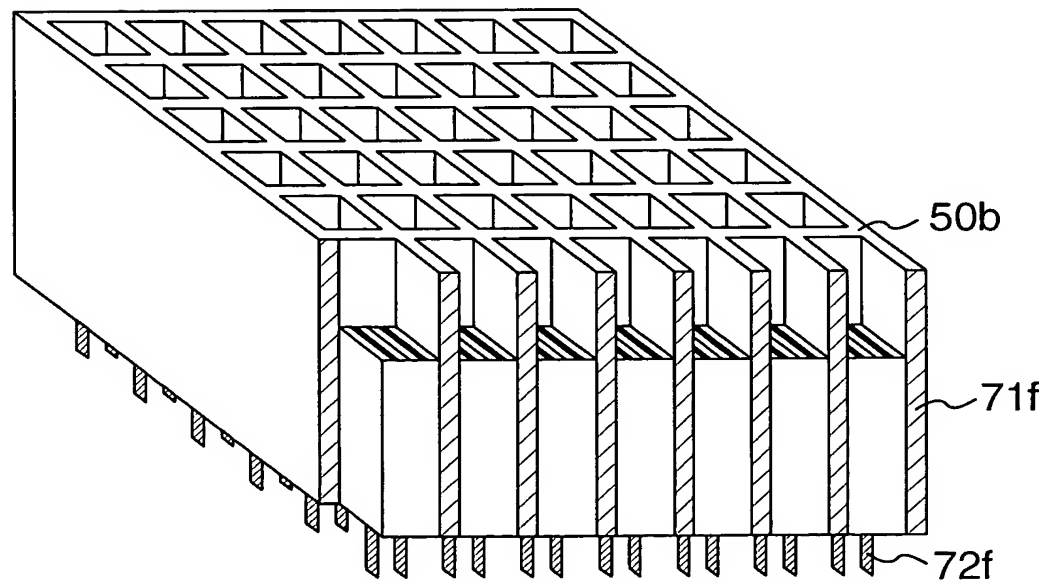


FIG. 10



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FIG. 11A

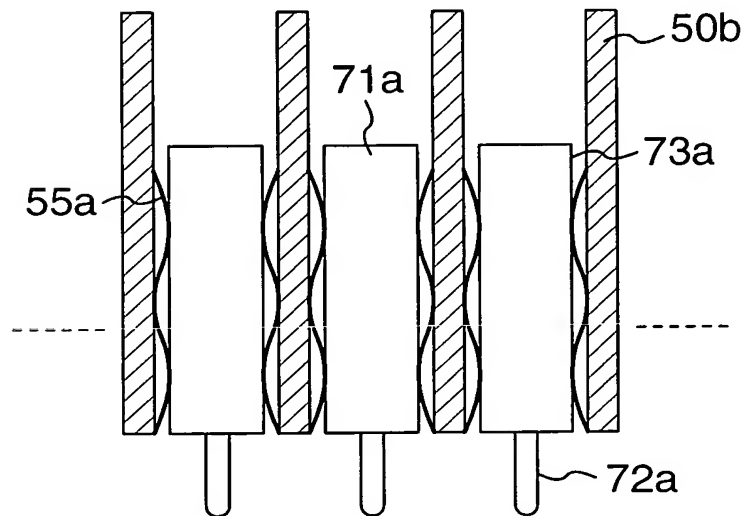
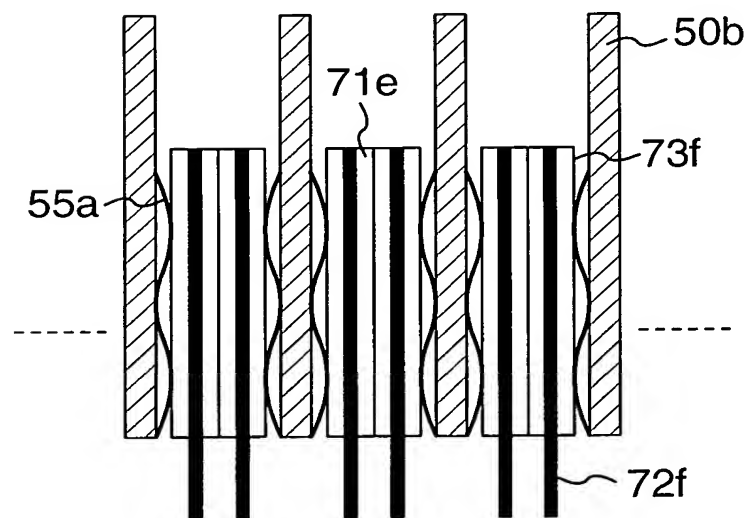
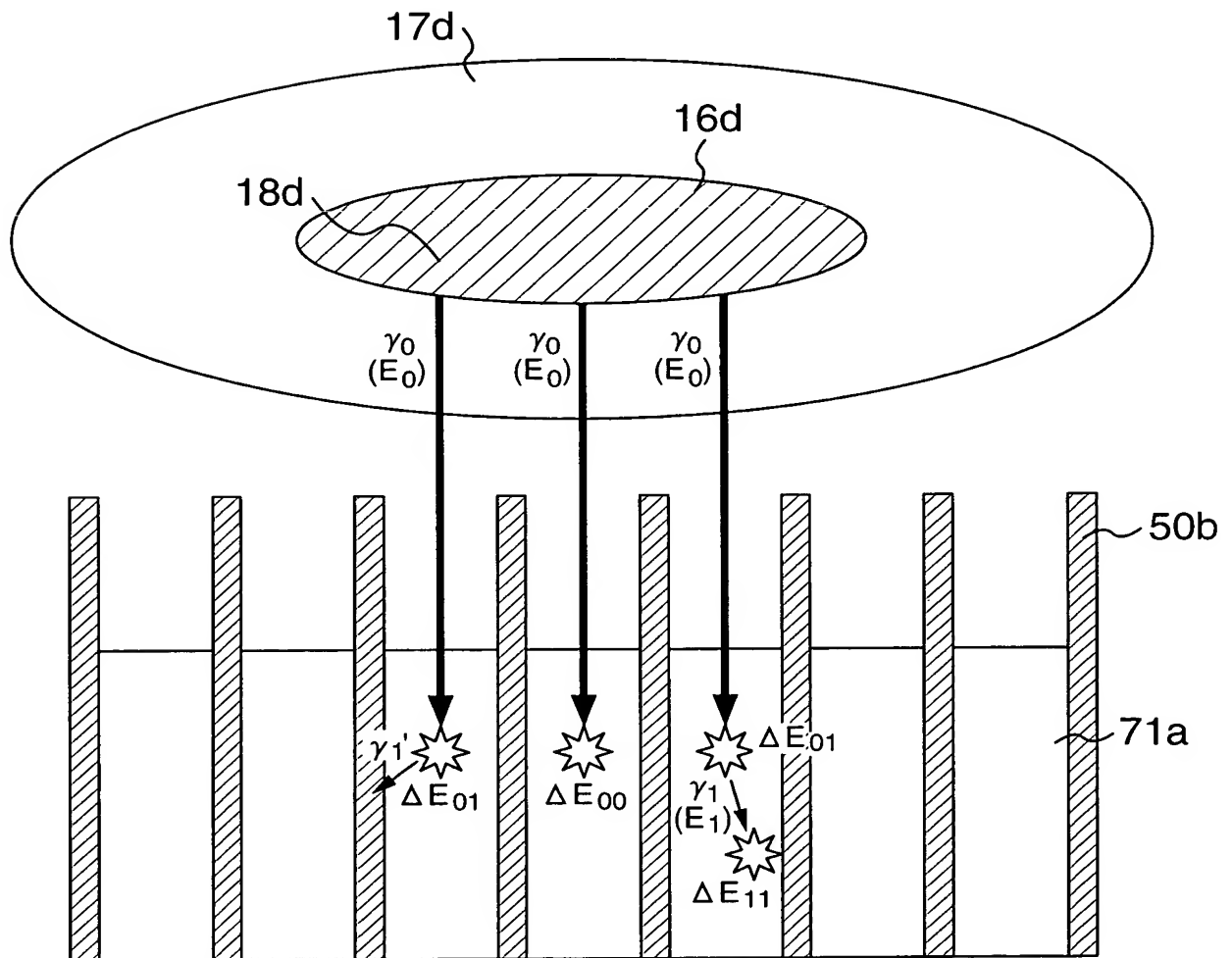


FIG. 11B



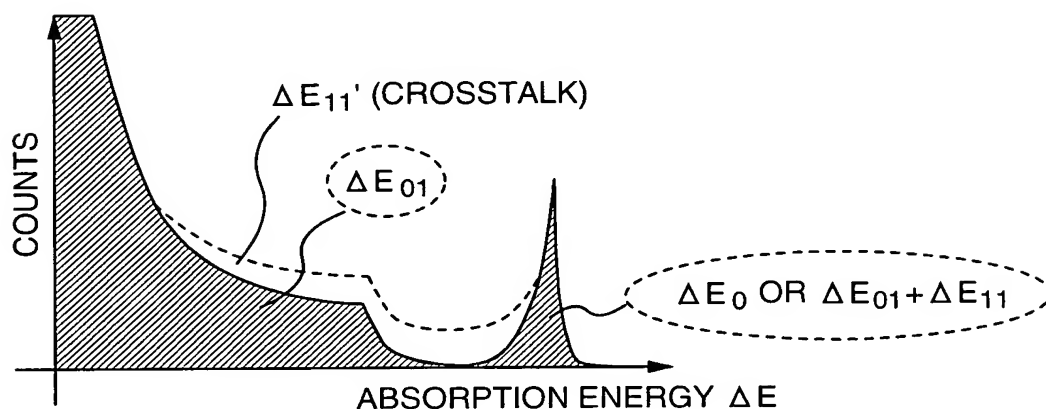
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FIG. 12



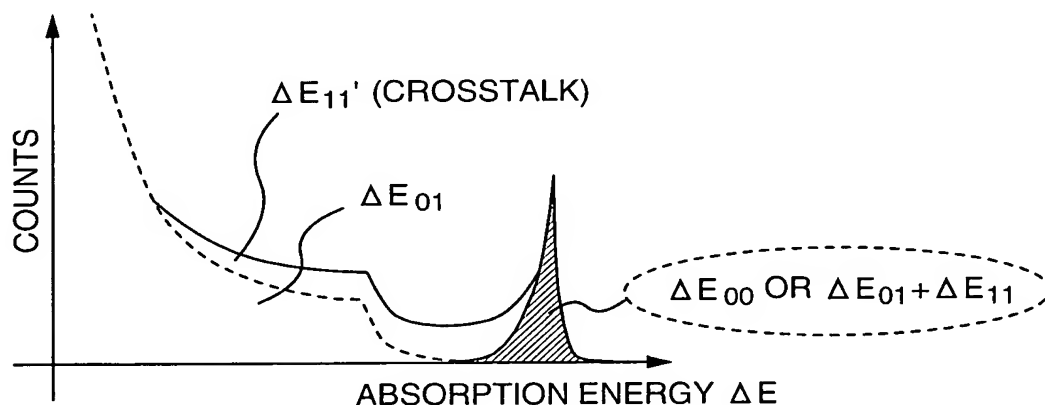
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FIG. 13



$\gamma_0(E_0)$: DIRECT γ -RAY FROM γ -RAY SOURCE
 $\gamma_1(E_1)$: SCATTERED RADIATION IN DETECTOR
 $\gamma_1'(E_1)$: SCATTERED RADIATION TO ADJACENT CELL (CROSSTALK)
 ΔE_{00} : PHOTOELECTRIC ABSORPTION OF DIRECT γ -RAY (TOTAL ABSORPTION) ($=E_0$)
 ΔE_{01} : ENERGY OF RECOIL ELECTRONS DUE TO COMPTON SCATTERING ($=E_0 - E_1$)
 ΔE_{11} : PHOTOELECTRIC ABSORPTION OF SCATTERED RADIATION ($=E_1$)
 $\Delta E_{11}'$: PHOTOELECTRIC ABSORPTION OF SCATTERED RADIATION TO ADJACENT CELL (CROSSTALK)

FIG. 15



$\gamma_0(E_0)$: DIRECT γ -RAY FROM γ -RAY SOURCE
 $\gamma_1(E_1)$: SCATTERED RADIATION IN DETECTOR
 $\gamma_1'(E_1)$: SCATTERED RADIATION TO ADJACENT CELL (CROSSTALK)
 ΔE_{00} : PHOTOELECTRIC ABSORPTION OF DIRECT γ -RAY (TOTAL ABSORPTION) ($=E_0$)
 ΔE_{01} : ENERGY OF RECOIL ELECTRONS DUE TO COMPTON SCATTERING ($=E_0 - E_1$)
 ΔE_{11} : PHOTOELECTRIC ABSORPTION OF SCATTERED RADIATION ($=E_1$)
 $\Delta E_{11}'$: PHOTOELECTRIC ABSORPTION OF SCATTERED RADIATION TO ADJACENT CELL (CROSSTALK)

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FIG. 14

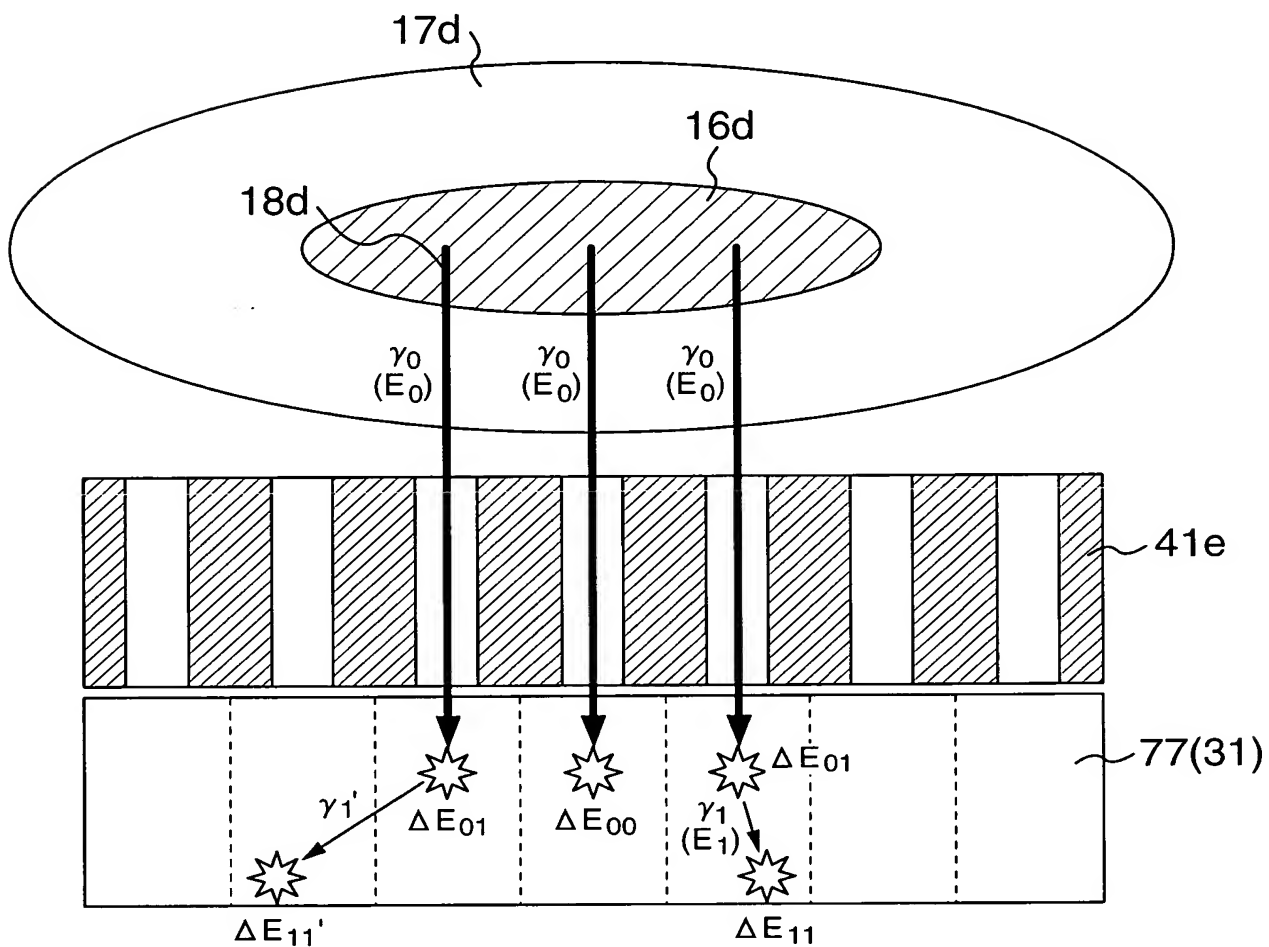
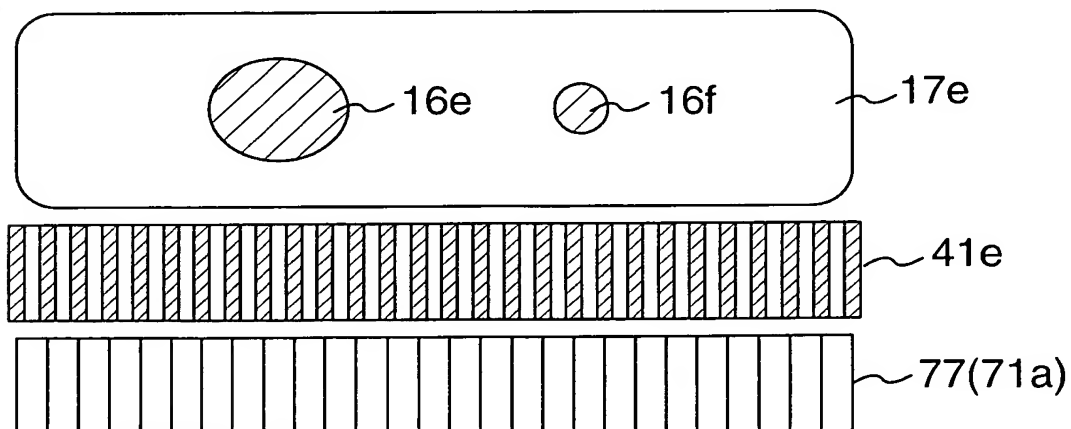


FIG. 16A



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FIG. 16B

EXAMPLE OF RADIATION DISTRIBUTION WHICH IS MEASURED
 (γ_0 : 140keV)

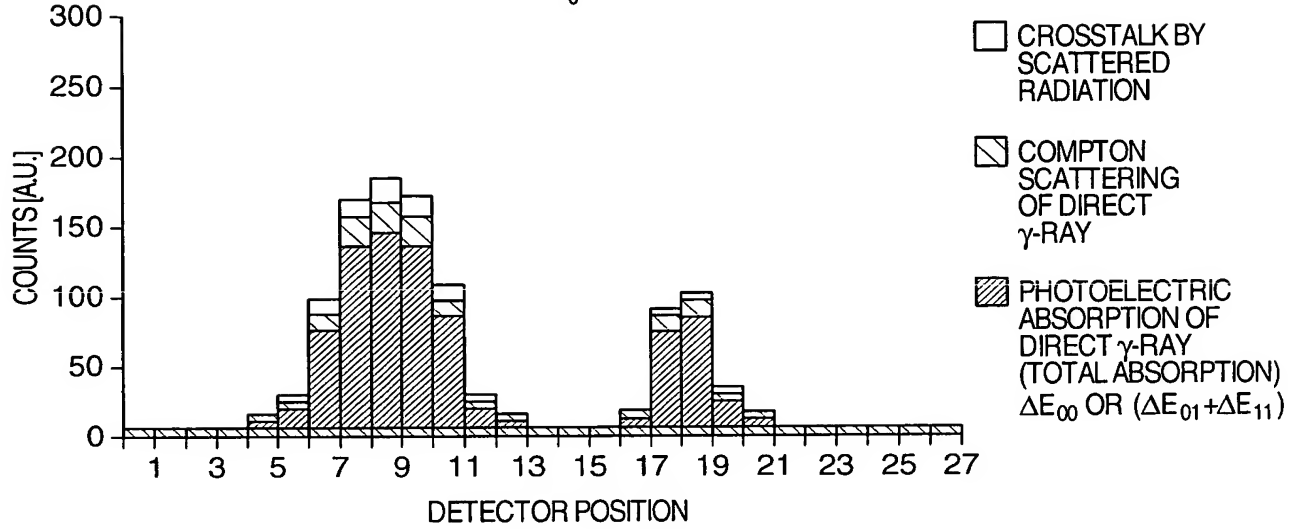
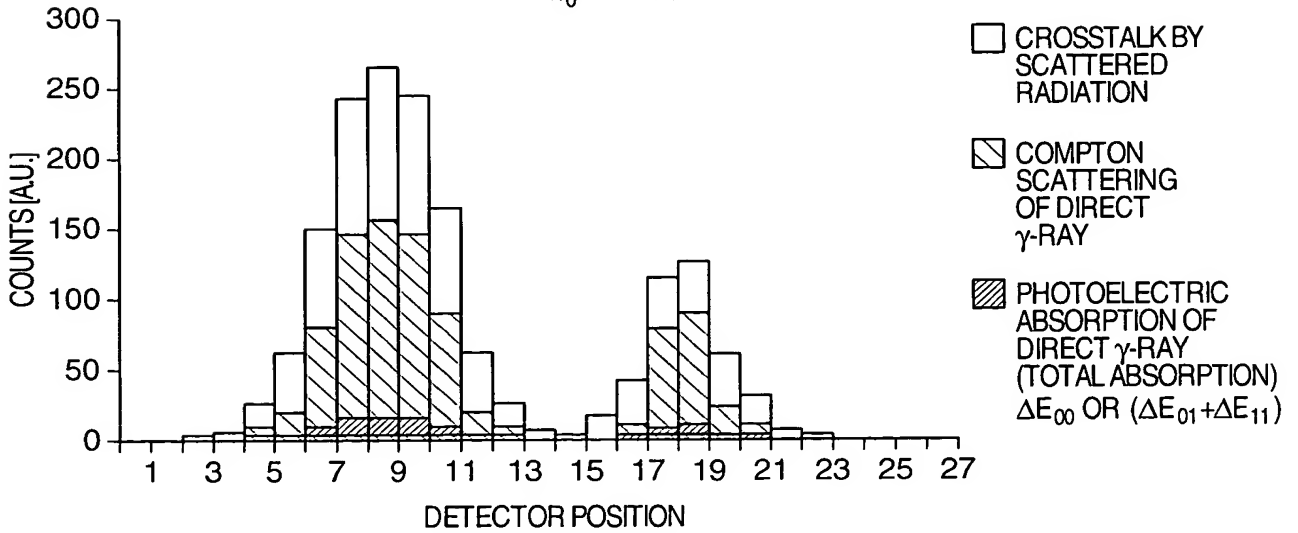


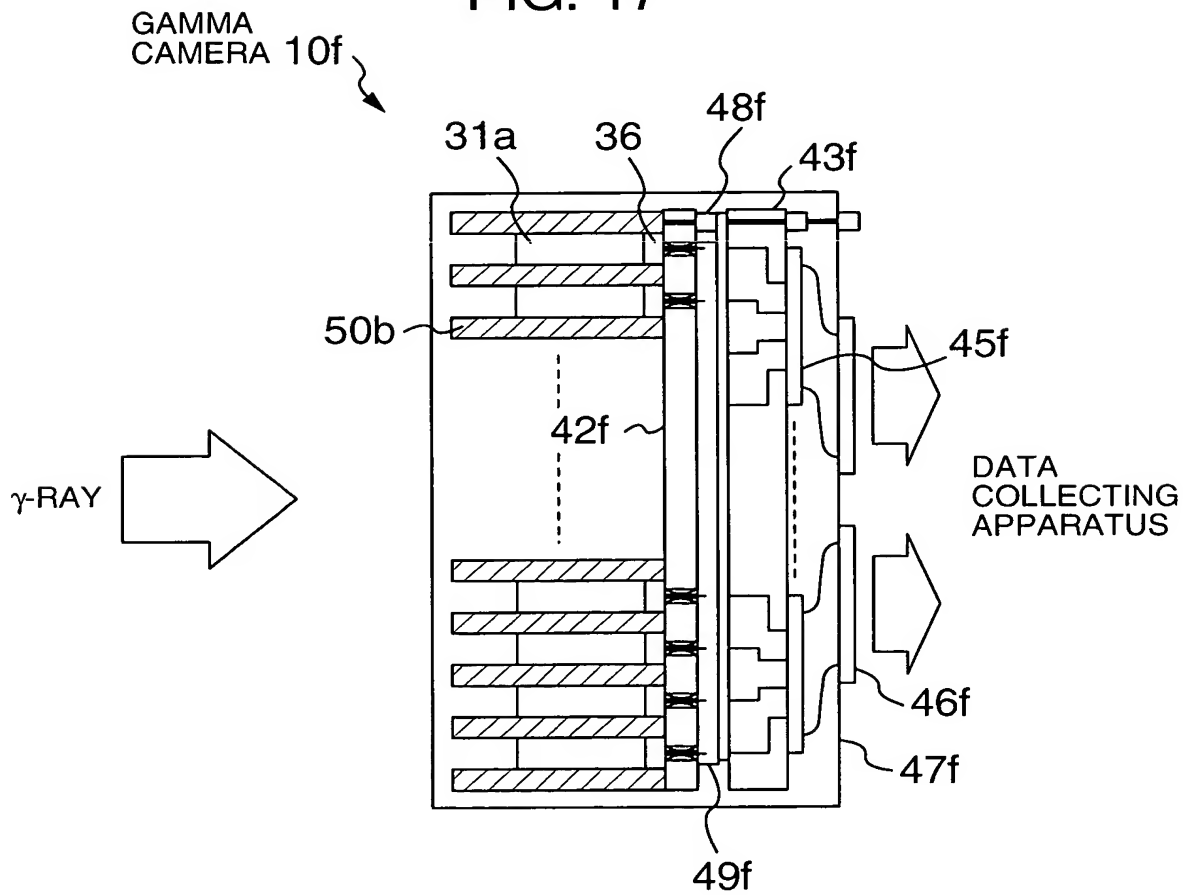
FIG. 16C

EXAMPLE OF RADIATION DISTRIBUTION WHICH IS MEASURED
 (γ_0 : 511keV)



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FIG. 17



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FIG. 18B

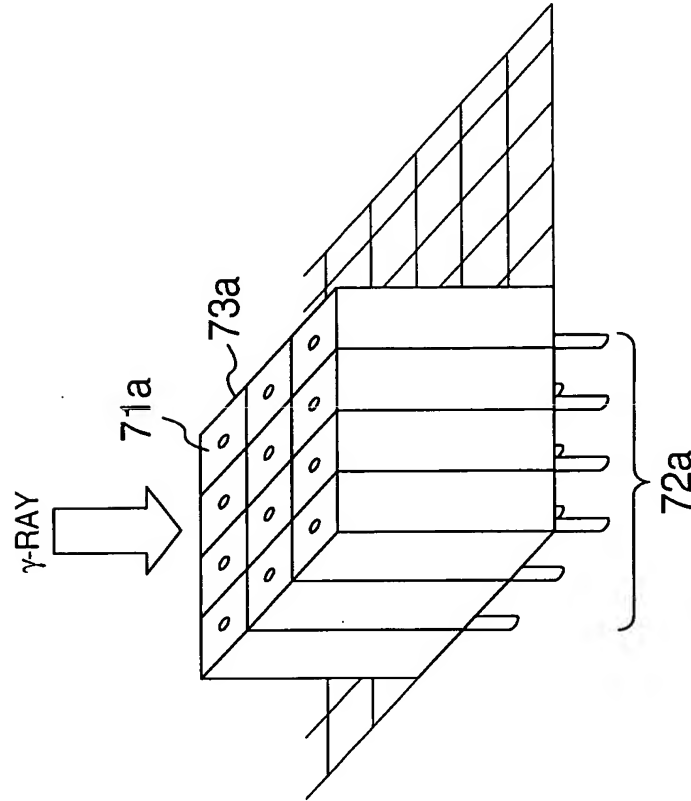
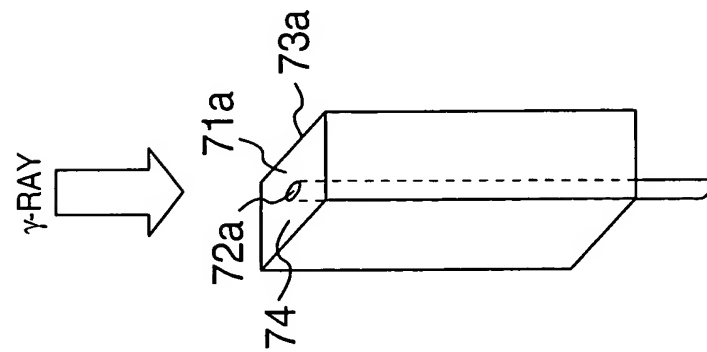


FIG. 18A



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FIG. 19A

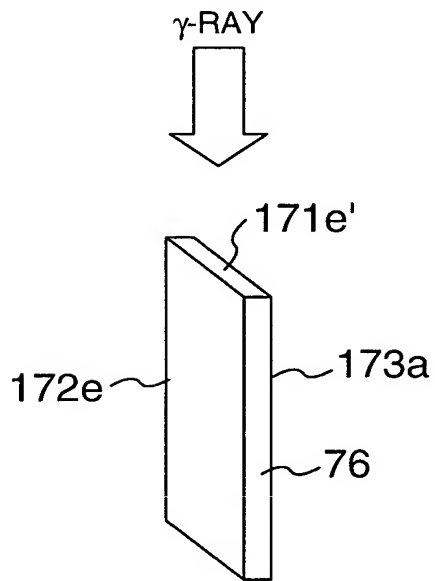


FIG. 19B

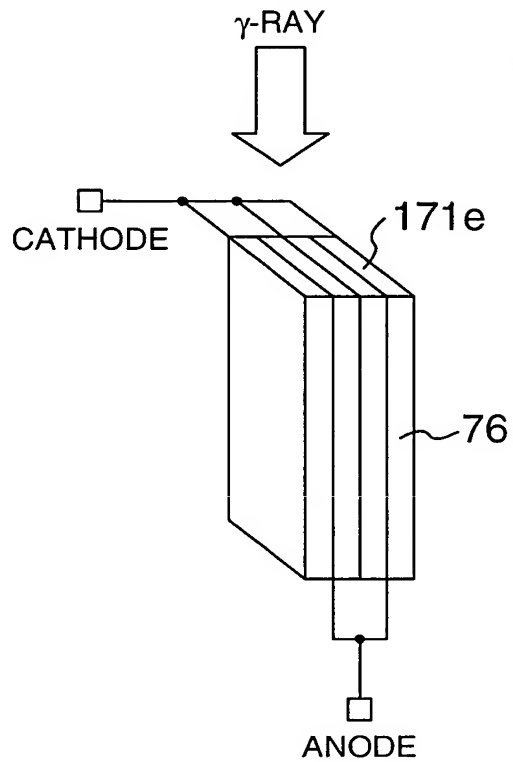


FIG. 20A

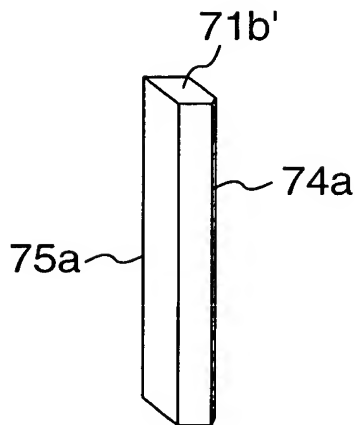
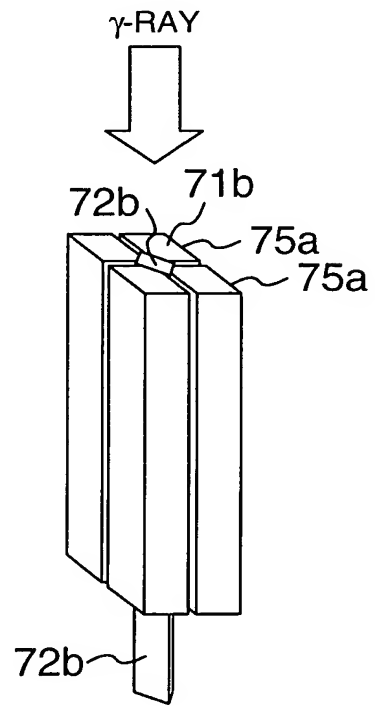


FIG. 20B



FIG. 20C



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FIG. 21A

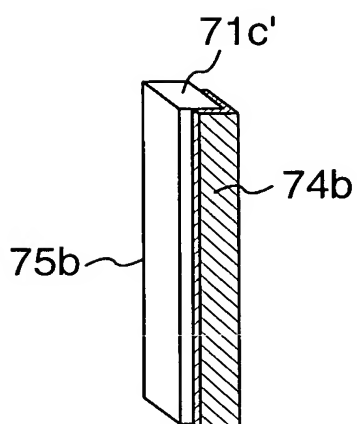


FIG. 21B

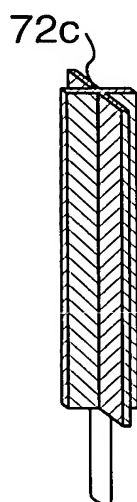


FIG. 21C

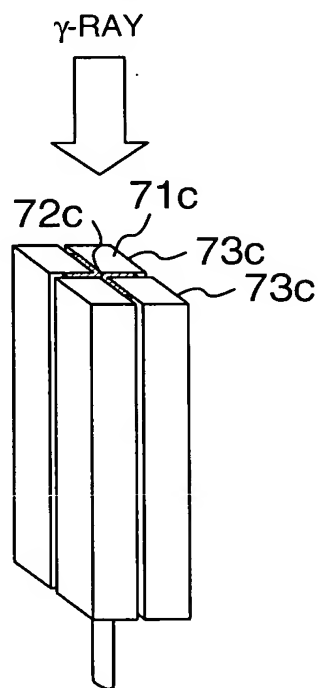


FIG. 22A

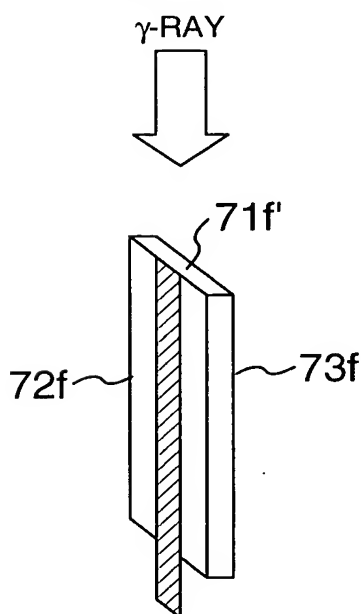
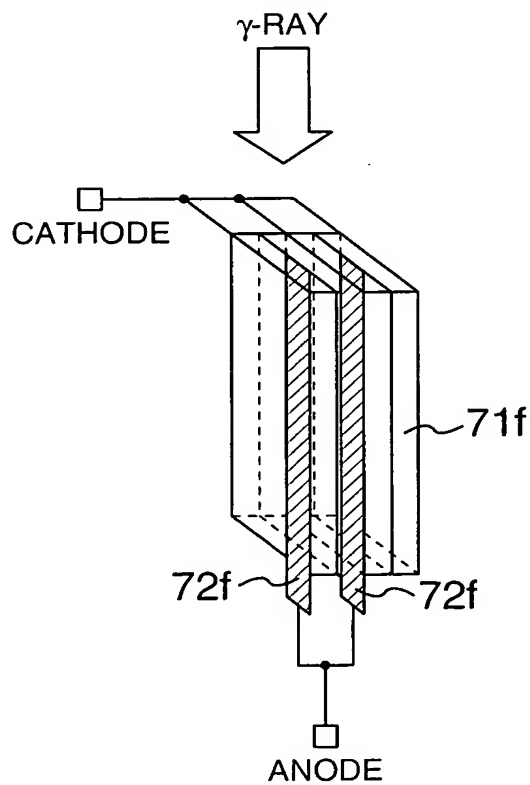


FIG. 22B



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FIG. 23

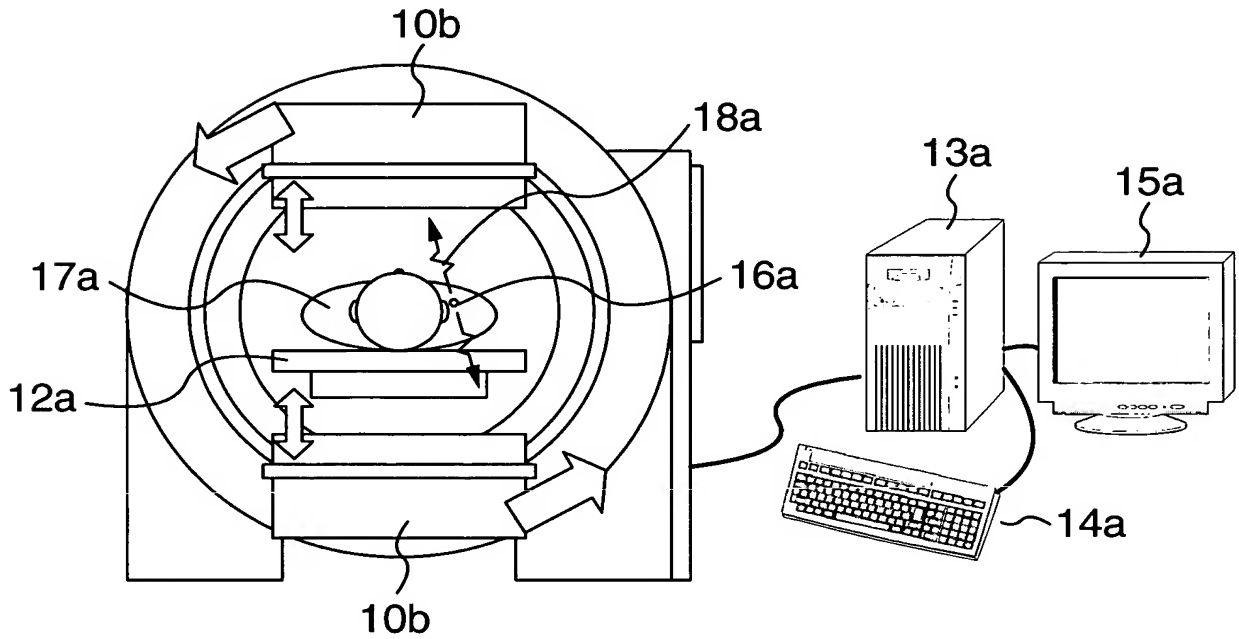
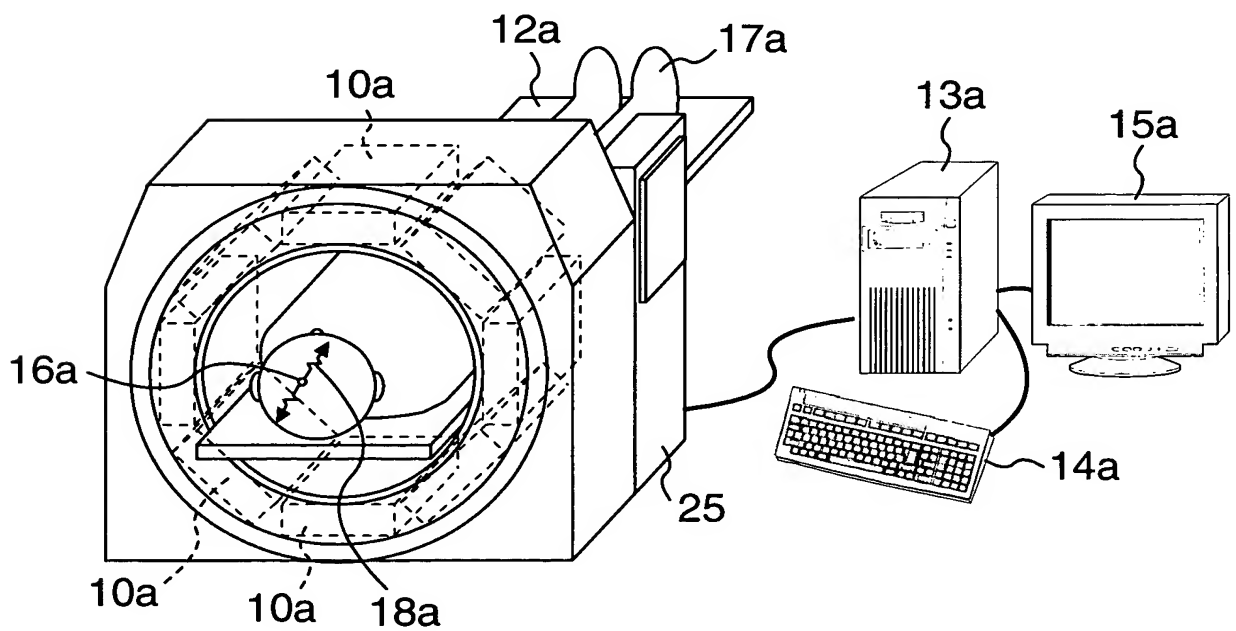


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FIG. 25

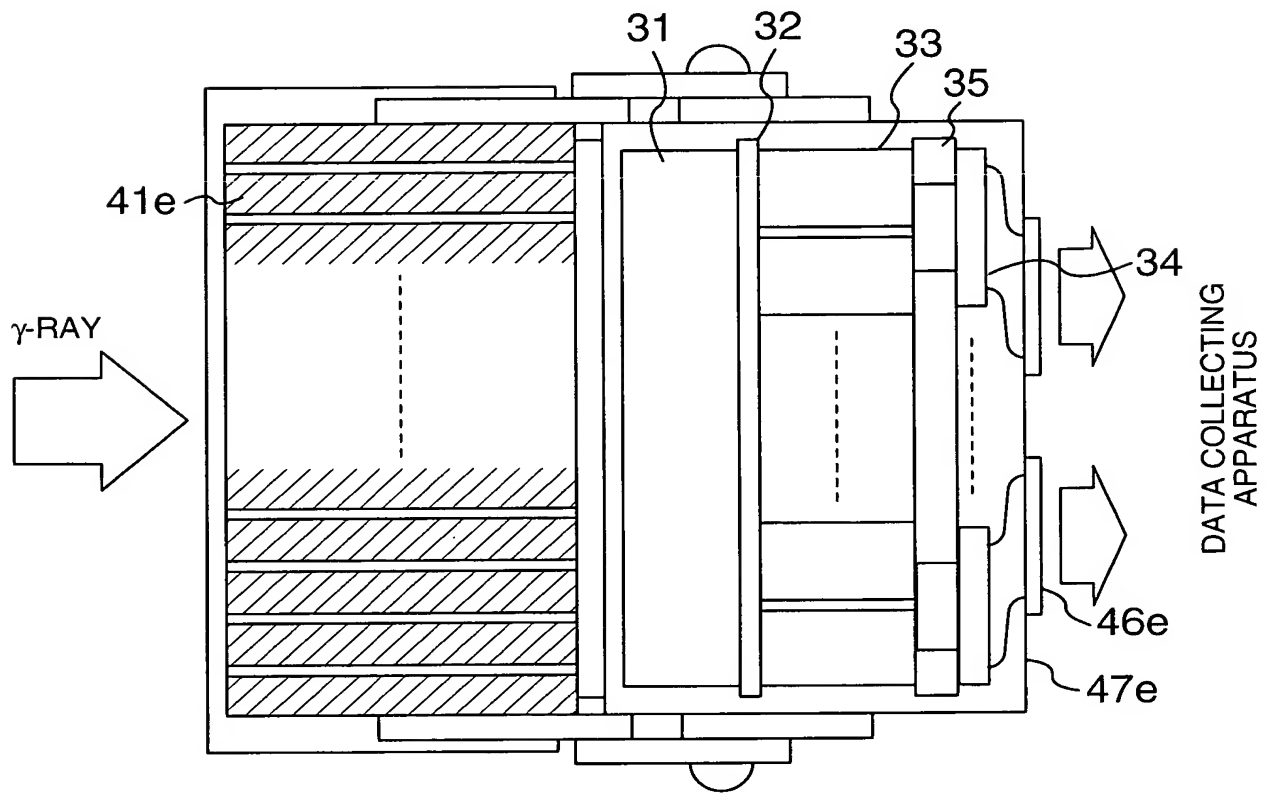


FIG. 26B

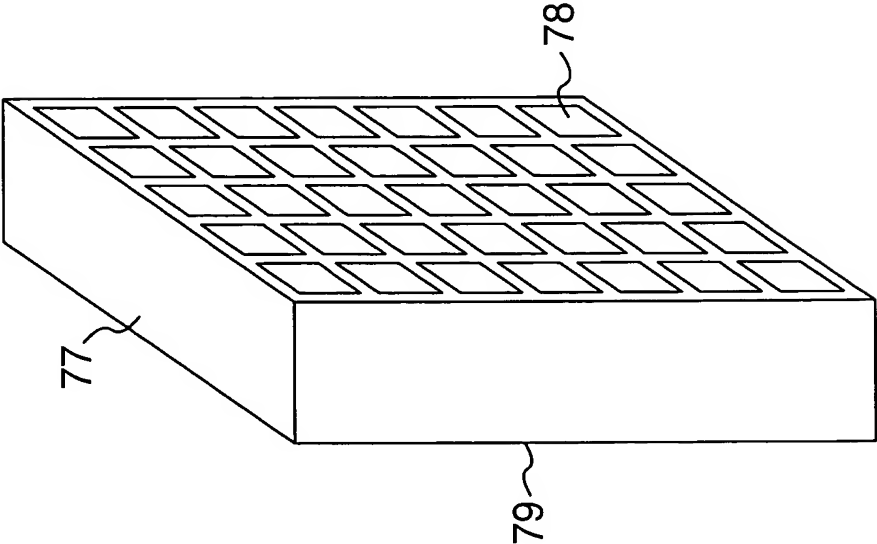
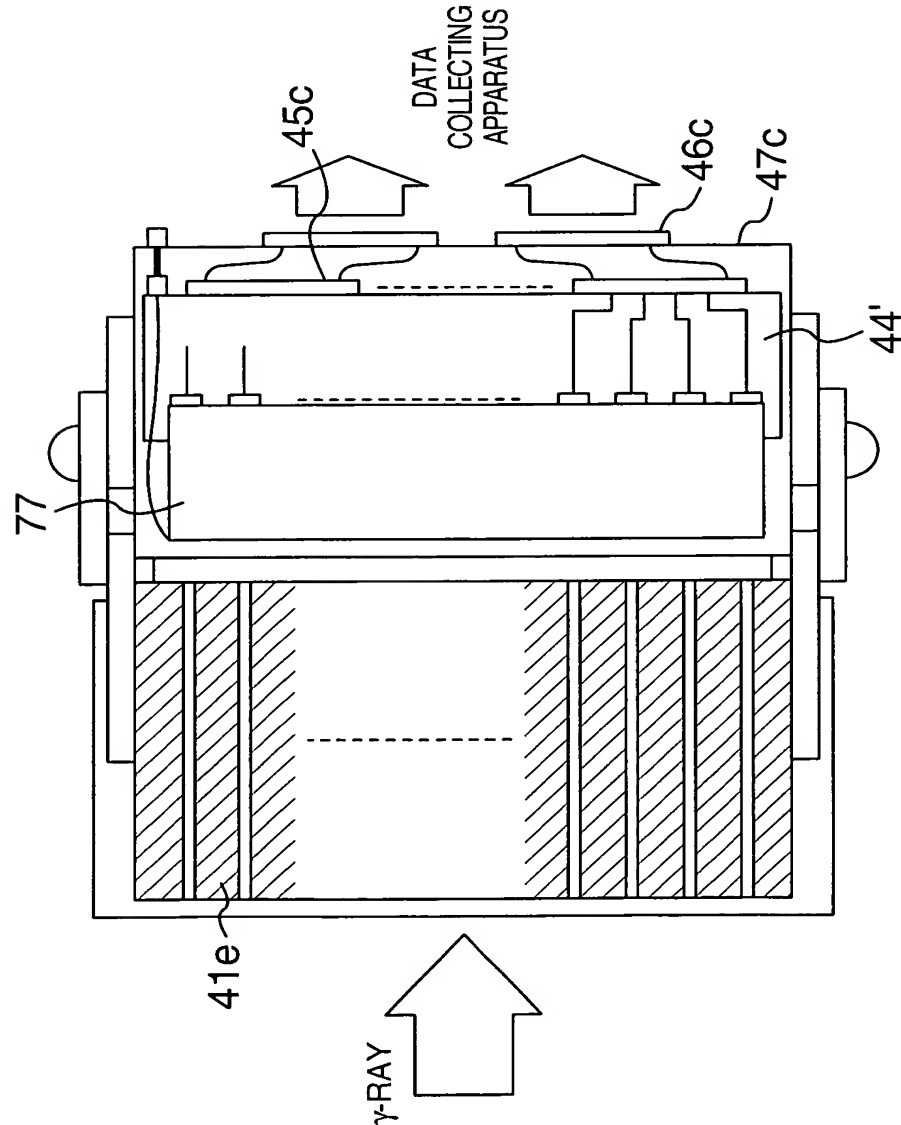


FIG. 26A



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FIG. 27

